

CATALOGUE  
1898.



LANCASTER  
MACHINE AND KNIFE WORKS

LANCASTER, N.Y.  
U.S.A.



CABLE ADDRESS,  
ELIZAND.



5125  
745  
173

1898.

LANCASTER



# MACHINE AND KNIFE WORKS



MANUFACTURERS OF

PLAIN AND PATENT RATCHET BIT BRACES, ..

BUTCHERS' AND PACKING-HOUSE CLEAVERS,

AND

MACHINE KNIVES OF EVERY DESCRIPTION.



OFFICE AND WORKS:

LANCASTER, ERIE COUNTY, N. Y., U. S. A.

Cable Address, "ELIZAND."

THE COURIER CO.,  
PRINTERS AND ENGRAVERS,  
BUFFALO, N. Y.

## TO THE TRADE.

We take pleasure in sending this, our 1898 illustrated catalogue and price list of goods manufactured by us, believing it will be of interest to you.

Special attention is called to our line of High-grade Patent Ratchet Braces, by far the simplest, strongest and most durable Ratchet Brace ever offered.

We propose to merit your patronage by manufacturing goods of highest class only, using the best material, and finishing second to none.

All goods fully warranted.

Soliciting your valued orders,

We are yours truly,

LANCASTER MACHINE  
AND KNIFE WORKS.

# OUR SHIPPING FACILITIES.

TEN MILES EAST OF BUFFALO

ON THE LINES OF N. Y. C. & H. R. R. R., LEHIGH VALLEY,  
D., L. & W. R. R., AND ERIE RAILROAD.

Buffalo rates apply to Lancaster.

No charge for package.

Terms, 30 days, net.

Two per cent. discount allowed on all bills paid within  
ten days from date of invoice.

Claims for shortage or damage must be reported on  
receipt of goods.

All Goods packed in tight pine cases.


EVERY ARTICLE CAREFULLY INSPECTED BEFORE LEAVING  
THE FACTORY.

# LANCASTER RATCHETS.

---

Patented October 14, 1890,

Improved 1897.

 ARE a great improvement over the pall-and-ring ratchets, being more simple and durable. These braces possess the following points of superiority: The sweep is made from finished cold-drawn steel; the jaws are of tempered steel; the chuck has a hardened steel washer between the sockets; the jaws bring the bit to an exact center and are not depended upon to hold the tool entirely, as the interior of the socket is so constructed as to securely hold all sizes of bits, thus giving a perfect center and extra strength. The quality of material, workmanship and beauty of finish is unsurpassed.

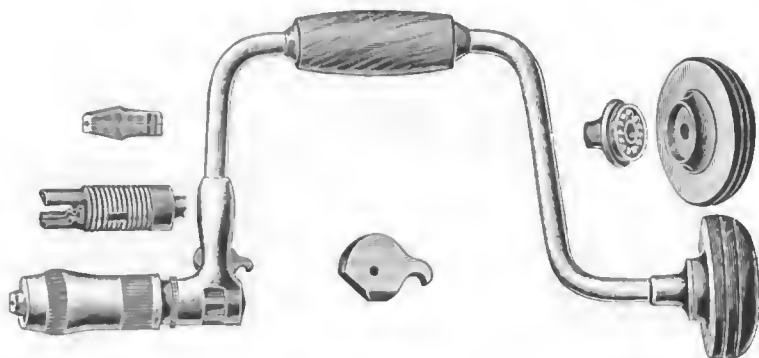
## BALL BEARINGS.



The above cut shows the bearings used in our best Braces, the balls running on solid steel cups, fully as strong and easy running as those found in the bicycle.



## LANCASTER BALL BEARING.



OUR PRIDE.

HEAVILY NIQUELED.

MOST PRACTICAL RATCHET BRACE EVER OFFERED.

LIGNUM-VITAE HEAD.

COCOBOLA HANDLE.

BALL BEARING.

HARDENED STEEL JAWS.

COLD-DRAWN STEEL SWEEP.

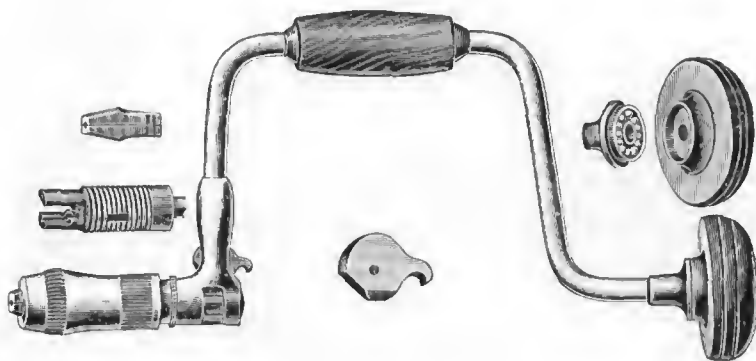
TO HOLD ANY SIZE OF BIT.

No. 101,	8-inch sweep,	$\frac{7}{8}$ -inch steel,	price per dozen,	. . .	\$18.00
" 102,	10 "	" " $\frac{15}{32}$ "	" " " " "	. . .	18.30
" 103,	12 "	" " $\frac{15}{32}$ "	" " " " "	. . .	18.60

 $\frac{1}{2}$  dozen in boxes.

4 dozen in cases.

## LANCASTER BALL BEARING.



FINELY POLISHED.

LIGNUM-VITAE HEAD.

COCOBOLA HANDLE.

BALL-BEARING HEAD.

COLD-DRAWN STEEL SWEEP.

HARDENED STEEL JAWS.

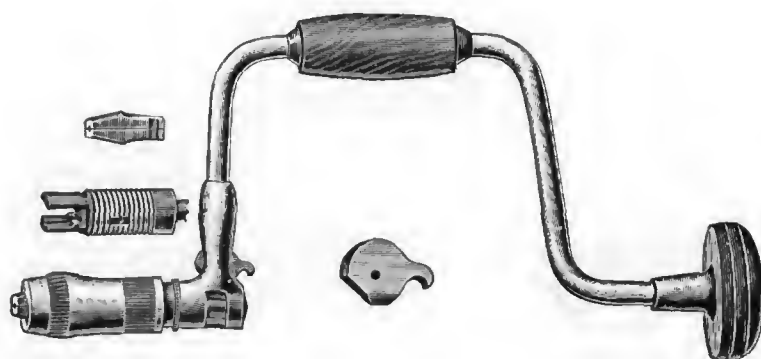
TO HOLD ANY SIZE OF BIT.

No. 204,	8-inch	sweep,	$\frac{7}{8}$ -inch	steel,	price per dozen,	. . .	\$15.50
" 205,	10	"	"	$\frac{1}{2}$	" " " "	. . .	15.80
" 206,	12	"	"	$\frac{1}{2}$	" " " "	. . .	16.10

 $\frac{1}{2}$  dozen in boxes.

4 dozen in cases.

## LANCASTER PLAIN QUILL.



HEAVILY NIQUELED.

LIGNUM-VITAE HEAD.

COCOBOLA HANDLE.

HARDENED STEEL JAWS.

COLD-DRAWN STEEL SWEEP.

TO HOLD ANY SIZE OF BIT.

SAME MATERIAL AND WORKMANSHIP AS OUR PRIDE.

---

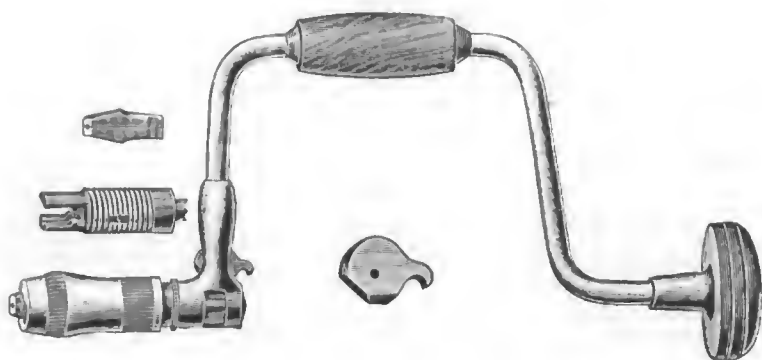
No. 307,	8-inch sweep,	$\frac{7}{16}$ -inch steel,	per dozen,	. . . . .	\$14.00
" 308,	10 "	" "	$\frac{1}{8}$ " " " "	. . . . .	14.30
" 309,	12 "	" "	$\frac{1}{8}$ " " " "	. . . . .	14.60

---

 $\frac{1}{2}$  dozen in boxes.

6 dozen in case.

## LANCASTER PLAIN QUILL.



NICELY PLATED.

BLACK WALNUT HEAD AND HANDLE.

COLD-DRAWN STEEL SWEEP.

WELL FINISHED AND WARRANTED.

---

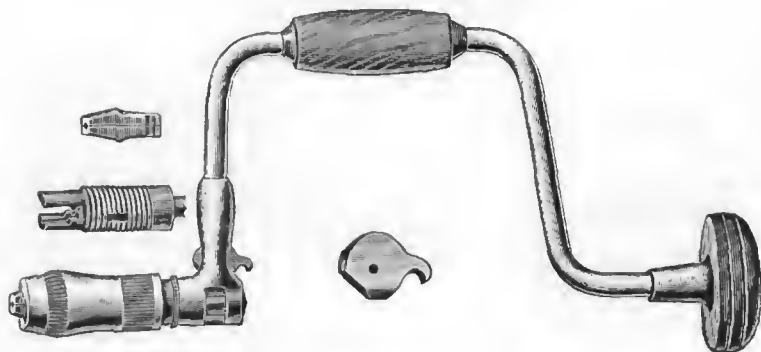
No. 311,	8-inch sweep,	$1\frac{7}{8}$ -inch steel,	per dozen,	. . . . .	\$11.50
" 312,	10	"	"	$1\frac{5}{8}$ " " " " . . . . .	11.80
" 313,	12	"	"	$1\frac{1}{2}$ " " " " . . . . .	12.10

---

 $\frac{1}{2}$  dozen in boxes.

6 dozen in cases.

## LANCASTER PLAIN QUILL.



FINELY POLISHED.

BLACK WALNUT HEAD AND HANDLE.

COLD-DRAWN STEEL SWEEP.

WELL FINISHED AND WARRANTED.

---

No. 314, 8-inch sweep,  $\frac{7}{16}$ -inch steel, price per dozen, . . . \$10.50

" 315, 10 " "  $\frac{15}{32}$  " " " " " " . . . 10.80

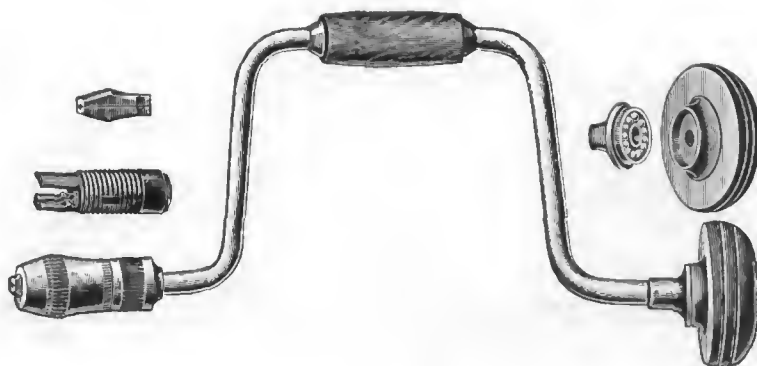
" 316, 12 " "  $\frac{15}{32}$  " " " " " " . . . 11.10

---

 $\frac{1}{2}$  dozen in boxes.

6 dozen in cases.

## PLAIN BRACES.



THESE BRACES HAVE SAME QUALITY OF MATERIAL AND FINISH AS FOUND IN

OUR PRICE. SEE PAGE 7.

---

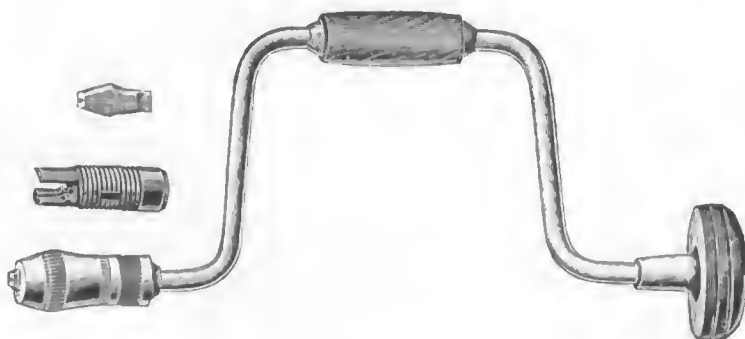
No. 21,	8-inch sweep,	$\frac{7}{16}$ -inch steel,	per dozen,	. . . . .	\$10.00
" 22,	10 "	" $\frac{15}{16}$ "	" " " "	. . . . .	10.50
" 23,	12 "	" $\frac{15}{16}$ "	" " " "	. . . . .	11.00

---

$\frac{1}{2}$  dozen in box.

6 dozen in cases.

## PLAIN BRACES.



HEAVILY NICKELLED.

BLACK WALNUT HEAD AND HANDLE.

STEEL JAWS.

No. 34,	8-inch sweep,	$\frac{1}{8}$ -inch steel,	per dozen,							\$5.50
" 35,	10 "	" "	$\frac{15}{32}$ "	" "	" "	" "	" "	" "	" "	6.00
" 36,	12 "	" "	$\frac{16}{32}$ "	" "	" "	" "	" "	" "	" "	6.25
" 37,	8 "	" "	$\frac{7}{16}$ "	" "	" "	" "	" "	" "	" "	4.75
" 38,	10 "	" "	$\frac{15}{32}$ "	" "	" "	" "	" "	" "	" "	5.25
" 39,	12 "	" "	$\frac{15}{32}$ "	" "	" "	" "	" "	" "	" "	5.50

Nos. 37, 38 and 39 not plated but finely polished.

 $\frac{1}{2}$  dozen in boxes.

6 dozen in cases.

# **WARRANTY.**

**WE GUARANTEE ALL GOODS  
To be of the HIGHEST CLASS**

**Both as to Workmanship and Material.**

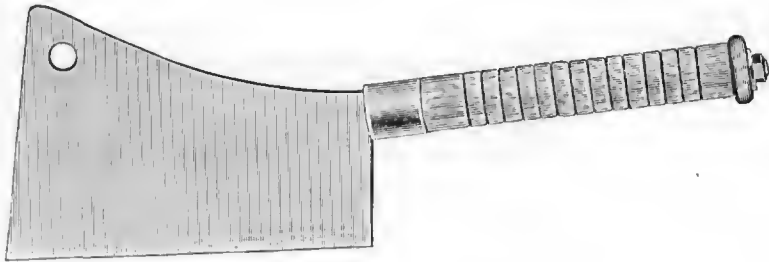
*THE LATTER BEING SPECIALLY MADE FOR US.*

In the event of any imperfections as to temper, etc., we will replace by other goods without expense. Goods showing evidence of misuse or long usage not covered by this Warrant.



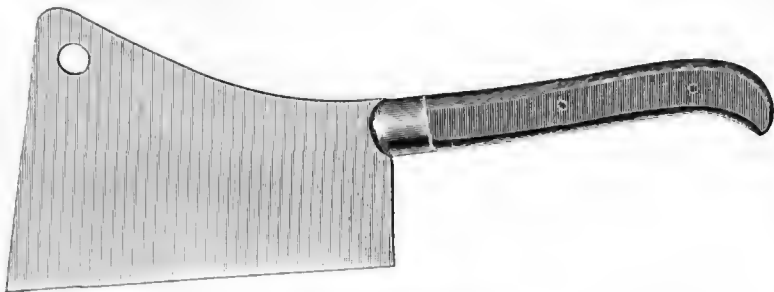


BUTCHERS' CLEAVERS.



Round Handle.

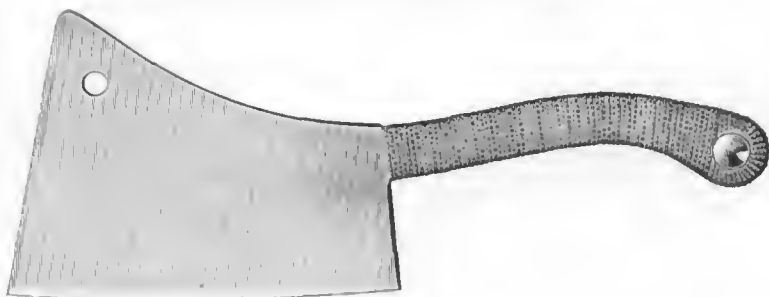
6-inch, 2 pounds, per dozen, . . . . .	\$12.00
7 " 2½ " " . . . . .	14.00
8 " 3 " " . . . . .	16.50
9 " 3½ " " . . . . .	19.50
10 " 4½ " " . . . . .	23.50
11 " 5 " " . . . . .	26.00
12 " 5½ " " . . . . .	30.00



Flat Split Handle.

6-inch, 2 pounds, per dozen, . . . . .	\$14.00
7 " 2½ " " . . . . .	15.00
8 " 3 " " . . . . .	17.00
9 " 3½ " " . . . . .	20.00
10 " 4½ " " . . . . .	23.00

## BUTCHERS' CLEAVERS.



Iron Handle, Cord Wound.

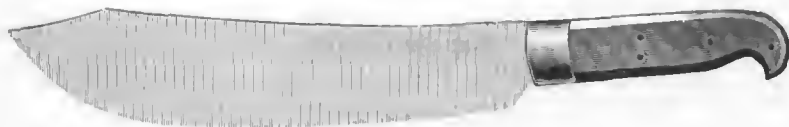
6-inch, 2 pounds, per dozen, . . . . .	\$14.50
7 " 2½ " " . . . . .	15.50
8 " 3 " " . . . . .	17.00
9 " 3½ " " . . . . .	19.50
10 " 4½ " " . . . . .	23.00
12 " 5½ " " . . . . .	28.00

## LAMB CLEAVERS.



8	9	10	12	14
\$10.00	\$11.00	\$12.00	\$15.00	\$18.00 per doz.

## LAMB SPLITTERS.



Solid Tool Steel.

12-inch, per dozen, . . . . .	\$15.00
14 " " . . . . .	20.00



## MACHINE KNIVES.



PLANER,

veneer,

rag cutter,

paper trimming,

cheese box, . .

hoop,

match cutting,

barker,

tobacco,

chipper, .

mitre knives,

shaper knives,

spoke knives,

shingle knives,

etc., etc. . . .

## PRICE LIST MACHINE KNIVES.

Planing Machine Knives, and Other Ordinary Straight Knives of Same Finish, 3-8 of an inch Thick or Less.

PRICES PER INCH.	Over 6 to 31 long.	Over 31 to 40.	Over 40 to 50.	Over 50 to 60.	Over 60 to 70.	Figure prices at actual meas-
4 inches wide or less.	12	14	16	19	22	urement, viz.: 24 $\frac{1}{8}$ , 50 $\frac{1}{8}$ , etc. Knives wider in one place than another, or thicker in one place than another, must be figured by list, of widest and thickest measurement. Knives must also be measured by longest length, whether it be at cutting edge or back. ALL KNIVES longer or wider than are included in this list (unless otherwise provided for under another heading) shall be classed as special and charged for by the <i>Special List</i> . Advance for extra thickness on all knives :
Over 4 to 4 $\frac{1}{2}$ inch.	15					
Over 4 $\frac{1}{2}$ to 5 inch.	18					
Over 5 to 5 $\frac{1}{2}$ inch.	21					
Over 5 $\frac{1}{2}$ to 6 inch.	24					
Over 6 to 6 $\frac{1}{2}$ inch.	27					
Over 6 $\frac{1}{2}$ to 7 inch.	30					
Over 7 to 7 $\frac{1}{2}$ inch.	33					
Over 7 $\frac{1}{2}$ to 8 inch.	36					

Over  $\frac{1}{16}$  to  $\frac{7}{16}$  thick, 10 per cent.

"  $\frac{1}{8}$  to  $\frac{1}{4}$  " 15 "

"  $\frac{1}{4}$  to  $\frac{3}{8}$  " 20 "

"  $\frac{3}{8}$  to  $\frac{1}{2}$  " 25 "

Over  $\frac{1}{16}$  to  $\frac{7}{8}$  thick, 30 per cent.

"  $\frac{1}{8}$  to 1 " 35 "

" 1 to 1 $\frac{1}{4}$  " 50 "

" 1 $\frac{1}{4}$  to 1 $\frac{1}{2}$  " 75 "

Over 1 $\frac{1}{2}$  to 2 thick, 100 per cent.

Straight Knives, 6 inches long or less, ( $\frac{3}{8}$  thick or less): 2 inches long or less, 4 inches wide or less, 50 cents each; over 2 to 4 inches long, 4 inches wide or less, 62 cents each; over 4 to 6 inches long, 4 inches wide or less, 75 cents each. If over 4 inches wide, increase  $\frac{1}{8}$  for each one-inch, or fractional part thereof. Advance for extra thickness.

Matcher and Jointer Bits Without Slots: 1 inch long or less, 30 cents each; over 1 inch long to 2 inches long, 40 cents each; over 2 inches long to 2 $\frac{1}{2}$  inches long, 50 cents each.

Cope Cutters, 50 cents each.

Sash and Door Bits, 30 cents each; or \$3 per set of 10 pieces.

All Flat Knives ( $\frac{3}{8}$  thick or less), with irregular edges, not moulding knives, add 50 per cent. to list of straight knives 6 inches long or less, for small knives; to list of ordinary knives, if over 6 inches long, (this covers all knives with slightly convex, concave, angular, or irregular edges of any description which can be done on a grindstone), figure price by measurement at widest part of knife. Advance for extra thickness.

All Moulding Cutters, with edge worked to pattern,  $\frac{3}{8}$  thick or less, 40 cents per inch. Advance for extra thickness.

Moulding Cutter Blanks (not tempered),  $\frac{3}{8}$  thick or less, 5 inches wide or less: 2 inches long or less, 25 cents each; over 2 inches to 3 inches long, 35 cents each; over 3 inches to 4 inches long, 50 cents each; over 4 inches to 5 inches long, 60 cents each; over 5 inches to 6 inches long, 70 cents each. Advance 20 per cent. over 5 inches wide. Advance for extra thickness.

Irregular Knives, not otherwise provided for, extra price to cover increased cost.

## PRICE LIST OF SPECIAL KNIVES

SUCH AS :

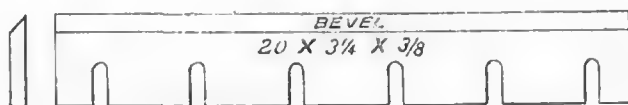
Shingle, Veneer, Paper Trimming,

Colburn Rag Cutter, Cheese Box,

Hoop, Match Cutting, Stereotype,

—•••• FURNISHED ON APPLICATION. ••••—

In ordering Planer and other Knives, etc., place the knife face down on a strong piece of paper, mark around to show the length of knife, and size and position of slots, and be sure to state the width and thickness, as shown in diagram ; mention the number of knives in a set, and the temper required. Also state name and maker of machine.



20 inches long,  $3\frac{1}{4}$  inches wide,  $\frac{3}{8}$  thick.



WE EXPECT TO FILL ALL ORDERS,  
LARGE OR SMALL, AT ONCE,  
UNLESS DELAYED BY STRIKES OR  
CAUSES BEYOND OUR CONTROL.